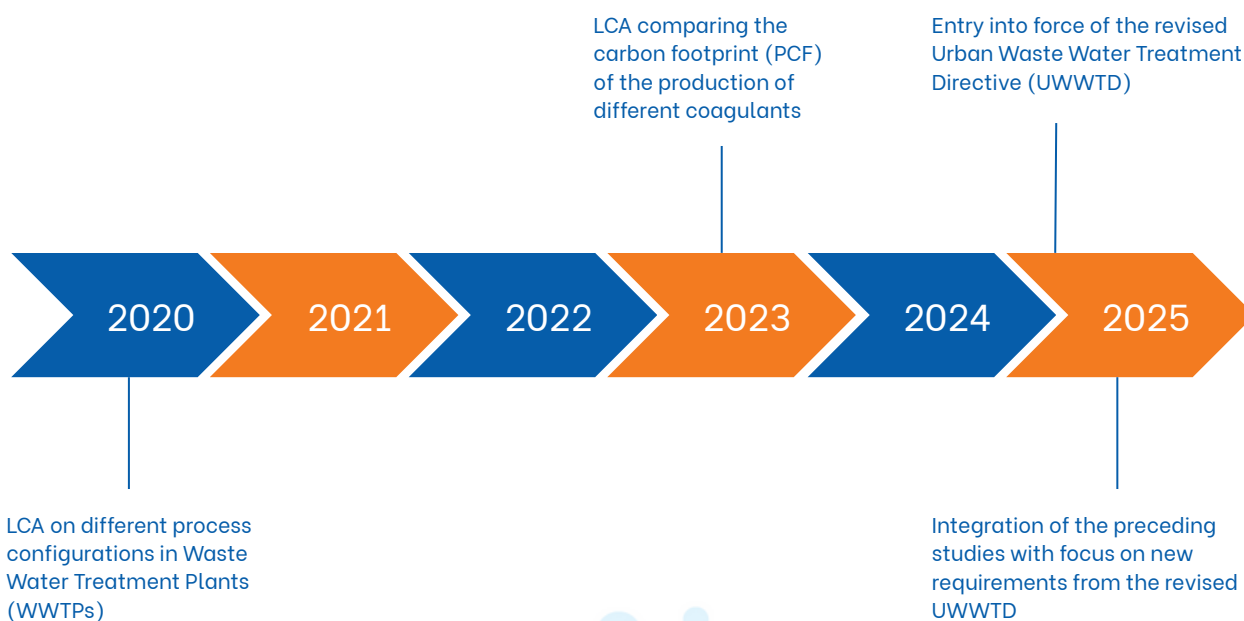


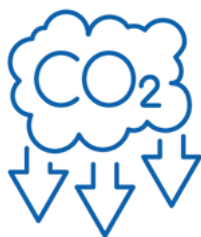


One of INCOPA's roles is to quantify the environmental impact of coagulants. It is well known that municipal wastewater treatment plants consume energy in their processes, but also have a **higher potential to produce energy** in the form of biogas.

INCOPA co-funded a series of **Life Cycle Assessments (LCA)** conducted by the Swedish Environmental Research Institute (IVL).



Inorganic coagulants enable municipal utilities to **meet the new more stringent emission levels for phosphorus** from the revised **Urban Waste Water Treatment Plant Directive (UWWTD)**, which entered into force on 1st January 2025.



The **precipitation of phosphorus with inorganic coagulants** has a **lower carbon footprint** compared to alternative processes.

The study shows that **chemical precipitation** of phosphorus is the **most effective process** to meet the **Energy Neutrality** target set by the revised UWWTD.



Request the full study report:
www.incopa.org

